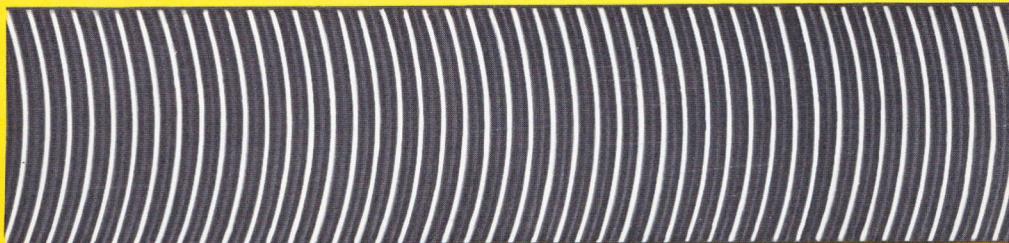


# Heller

## AUTOMOTIVE FILES and TOOLS

The ORIGINAL and still the BEST...

**VIXEN®**  
MILLED CURVED-TOOTH FILES



# VIXEN PLAIN BLADE FILES

Originated by Heller Tool Co., the Vixen still stands as the greatest single improvement ever made in metal finishing files. The Milled Curved Teeth of Vixen work like miniature milling cutters and almost as fast. The forward slant or undercut of

Vixen teeth give the file a definite cutting action. Vixen's keen teeth bite deep and curl off long filings with every stroke. Vixen cuts faster, freer, smoother. It's the original and still the best.

## FLEXIBLE FILES

Flexible files are generally used with an adjustable file holder. Flexible files are particularly adapted to all types of auto body and sheet metal work. They have teeth on both sides,

Part No.	Size	Teeth
81-11000	8" x 2 $\frac{5}{32}$ " x $\frac{5}{32}$ "	14
81-11150	10" x 1" x $\frac{7}{32}$ "	12
81-11250	12" x 1 $\frac{1}{32}$ " x $\frac{3}{16}$ "	10
81-11390	14" x 1 $\frac{1}{32}$ " x $\frac{3}{16}$ "	6†

and can be adjusted in a file holder to file flat, outward (convex), or inward (concave). Use with Flat Holder No. 416 Adjustable Aluminum Holder No. 472, or Wooden Holder No. V-1.

Part No.	Size	Teeth
81-11400	14" x 1 $\frac{1}{32}$ " x $\frac{3}{16}$ "	7 (Babbitt)
81-11450	14" x 1 $\frac{1}{32}$ " x $\frac{3}{16}$ "	8
81-11500	14" x 1 $\frac{1}{32}$ " x $\frac{3}{16}$ "	9

†Especially suited for plastic type body filler.

## HALF ROUND SHELL



Part No.	Size	Teeth
81-12200	14" x 1 $\frac{5}{32}$ " x $\frac{1}{8}$ "	8*

\*Use with Wooden Holder No. V-2

Part No.	Size	Teeth
81-12255	14" x 1 $\frac{5}{32}$ " x $\frac{1}{8}$ "	6†

†Especially suited for plastic type body filler.

## HALF OVAL SHELL

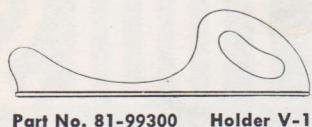


Part No.	Size	Teeth
81-16700	14" x 1 $\frac{5}{32}$ " x $\frac{3}{64}$ "	8

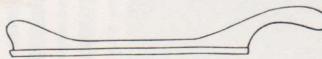
Use with Wooden Holder No. V-2

## SPECIAL SEALED PACKAGE

All 14-inch Flexible files are sealed in individual envelopes at the factory for buyers' protection against imitation, inferior and resharpened files.



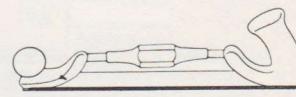
Part No. 81-99300 Holder V-1



Part No. 81-99305 Holder V-2



Part No. 81-99350 Holder 416



Part No. 81-99370 Holder 472

## VIXEN RIGID TANG FILES

### FLAT WITH TANG

Part No.	Size	Cut
81-12550	8" x 1 $\frac{3}{16}$ " x 1 $\frac{1}{64}$ "	ST
81-12700	10" x 1" x $\frac{7}{32}$ "	ST
81-12850	12" x 1 $\frac{1}{32}$ " x 1 $\frac{1}{64}$ "	ST
81-13000	14" x 1 $\frac{1}{32}$ " x $\frac{5}{16}$ "	ST



### FLAT UTILITY WITH TANG

Part No.	Size	Cut
81-13450	8" x 1 $\frac{3}{16}$ " x 1 $\frac{1}{64}$ "	*
81-13500	10" x 1" x $\frac{7}{32}$ "	*
81-13550	12" x 1 $\frac{1}{32}$ " x 1 $\frac{1}{64}$ "	*
81-13600	14" x 1 $\frac{1}{32}$ " x $\frac{5}{16}$ "	*

\*One side ST, one side S

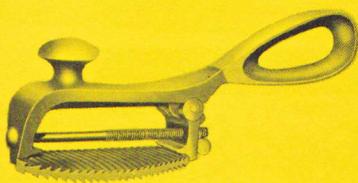
ST-Standard

S-Smooth

### HALF ROUND WITH TANG

Part No.	Size	Cut
81-14650	8" x 2 $\frac{5}{32}$ " x $\frac{1}{4}$ "	ST
81-14750	10" x 1 $\frac{5}{16}$ " x $\frac{5}{16}$ "	ST
81-14850	12" x 1 $\frac{1}{8}$ " x $\frac{3}{8}$ "	ST
81-14950	14" x 1 $\frac{1}{32}$ " x 2 $\frac{7}{64}$ "	ST

# VIXEN REVEAL TOOLS & FILES



Part No. 81-00152

Catalog No. 152  
Reveal Tool (Holder only). Made of brass with hinged center piece. A threaded bolt with wing nut anchors the file in working position. 7" long.



Part No. 81-00154

Catalog No. 154  
Reveal Flat Square Cornered Vixen, one edge bent. 2 3/4" long.

Part No. 81-00155

Catalog No. 155  
Reveal Round Cornered Vixen. 2 3/4" long.

Part No. 81-00158  
Set No. 158

Includes Holder and No. 155 Vixen file.

Part No. 81-00156

Catalog No. 156  
Reveal Half Round Bent Shell Vixen. 2 3/4" long.

Part No. 81-00159

Catalog No. 157  
Reveal Half Round Molding Vixen. 2 3/4" long.  
Includes Holder and five assorted Vixen files.



Part No. 81-00153

Catalog No. 153  
Reveal Half Round Shell Vixen. 2 3/4" long.



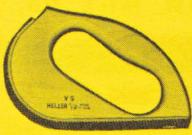
Part No. 81-99325

Catalog No. V-7  
Wooden holder only



Part No. 81-00332

Catalog No. 332  
Special Window Reveal Flat file 7" x 5/8"



Part No. 81-99335

Catalog No. V-9  
Wooden holder only



Part No. 81-01386

Catalog No. 1386  
Special Window Reveal Shell file 7" x 5/8"



Part No. 81-99330

Catalog No. V-8  
Wooden holder only



Part No. 81-01389

Catalog No. 1389  
Special Window Reveal Molding file 7" x 5/8"



Part No. 81-99340

Catalog No. V-10  
Wooden holder only



Part No. 81-00996

Catalog No. 996  
Special Curved Reveal Shell file 12"

## IGNITION FILES



Part No. 70-10250

### 5" PATENTED TUNGSTEN POINT FILES (POCKET CLIP)

Clip handle fits over pocket flap for easy carrying. A necessary tool for every auto mechanic. Used for cleaning spark plugs and dressing contact points. Packed in boxes containing a dozen files.

Also mounted on cards (one dozen files to a card).  
Part No. 70-10350



Part No. 70-02470

### 5" VOLTAGE REGULATOR FILES

For voltage regulators, circuit breakers, relay and other electrical contact points requiring an extra-thin file with fine cut and smooth finish. 5" over-all — 5/16" wide, approximately .015" thick. Packed on counter display cards only, one dozen files on card, twelve cards to a carton.



Part No. 70-10100

### 5" REGULAR TUNGSTEN POINT FILES

For cleaning distributor points and spark plugs. Also used in cleaning contact points of magnetos, switches, electric bells, etc. Made with chisel tip for entering gaps and slots. Packed in boxes containing one dozen files.

Also mounted on cards (one dozen files to a card).  
Part No. 70-10200



Part No. 70-01997

### 6" VOLTAGE REGULATOR RIFFLERS

Recommended for removing pits and corrosion from contact points and also for filing them to a smooth finish. Length 6" over-all. Packaged in cardboard tubes to prevent breakage. One dozen tubes to a box.

Catalog No. 1997

# HELLER NUCUT American Pattern FILES

## MILL BASTARD



Part No.	Size	Part No.	Size
70-14050	4" x 7/16" x 5/64"	70-14750	10" x 31/32" x 11/64"
70-14300	6" x 19/32" x 7/64"	70-14950	12" x 1-5/32" x 7/32"
70-14550	8" x 25/32" x 9/64"	70-15150	14" x 1-5/16" x 1/4"

2 ROUND EDGES — Made in Bastard Cut Only.  
8" — Part No. 70-16050      10" — Part No. 70-16100

## HALF ROUND BASTARD



Part No.	Size	Part No.	Size
71-31700	6" x 19/32" x 5/32"	71-32300	12" x 1-1/8" x 11/32"
71-31900	8" x 3/4" x 7/32"	71-32500	14" x 1-9/32" x 13/32"
71-32100	10" x 15/16" x 9/32"		

## FLAT BASTARD



Part No.	Size	Part No.	Size
71-22700	4" x 15/32" x 3/32"	71-23400	10" x 31/32" x 1/4"
71-22950	6" x 5/8" x 5/32"	71-23600	12" x 1-5/32" x 9/32"
71-23200	8" x 25/32" x 7/32"	71-23800	14" x 1-11/32" x 5/16"

## ROUND BASTARD



Part No.	Size	Part No.	Size
70-39300	4" x 5/32"	70-40050	10" x 3/8"
70-39600	6" x 7/32"	70-40250	12" x 1/2"
70-39850	8" x 5/16"	70-40450	14" x 5/8"

## SQUARE BASTARD



Part No.	Size	Part No.	Size
71-42500	4" x 5/32"	71-43200	10" x 3/8"
71-42800	6" x 7/32"	71-43400	12" x 1/2"
71-43000	8" x 5/16"	71-43600	14" x 5/8"

## THREE SQUARE BASTARD



Part No.	Size	Part No.	Size
71-51650	6" x 15/32"	71-51950	10" x 3/4"
71-51800	8" x 5/8"		

## KNIFE BASTARD



Part No.	Size	Part No.	Size
71-50000	6" x 21/32" x 5/32"	71-50150	8" x 27/32" x 3/16"

## ROTARY MOWER AND GARDEN TOOL



Part No.	Size
70-04116	7" x 3/4" x 1/8"

## MULTI-KUT, FLAT



Part No.	Size	Part No.	Size
70-24300	8" x 25/32" x 7/32"	70-24400	12" x 1-5/32" x 9/32"
70-24350	10" x 31/32" x 1/4"	70-24450	14" x 1-11/32" x 5/16"

## MULTI-KUT, HALF ROUND



Part No.	Size	Part No.	Size
70-32800	8" x 3/4" x 7/32"	70-32900	12" x 1-1/8" x 11/32"
70-32850	10" x 15/16" x 9/32"	70-32950	14" x 1-9/32" x 13/32"

## MULTI-KUT, SQUARE



Part No.	Size	Part No.	Size
70-43950	8" x 5/16"	70-44050	12" x 1/2"
70-44000	10" x 3/8"	70-44100	14" x 5/8"

## CHAIN SAW, ROUND



Part No.	Size	Part No.	Size
70-73030	8" x 3/16"	70-73120	8" x 9/32"
70-73060	8" x 7/32"	70-73150	8" x 5/16"
70-73090	8" x 1/4"	70-73180	8" x 3/8"

## CHAIN SAW, NARROW MILL No. 3084



Part No.	Size
70-03084	8" x 5/8" x 3/32"

## BEVELED EDGE CHAIN SAW FILE No. 4680



Part No.	Size
70-04680	7" x 1/2" x 3/16"

## SLIM TAPER



Part No.	Size	Part No.	Size
70-53700	6" x 11/32"	70-53800	8" x 15/32"

## EXTRA SLIM TAPER



Part No.	Size	Part No.	Size
70-54950	6" x 9/32"	70-55050	8" x 13/32"
70-55000	7" x 5/16"		

## DOUBLE EXTRA SLIM TAPER



Part No.	Size	Part No.	Size
70-56200	6" x 7/32"	70-56300	8" x 5/16"
70-56250	7" x 1/4"		

## file handles



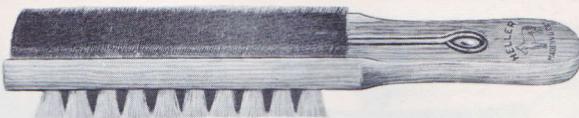
Part No.	Cat. No.	Size
70-99200	No. 104	4" for files 3" to 6"
70-99205	No. 106	4-1/2" for files 4" to 8"
70-99210	No. 108	5" for files 6" to 10"
70-99215	No. 110	5-1/2" for files 8" to 12"
70-99220	No. 112	6" for files 12" to 18"

Standard carton contains 1/4 gross of a size.

## file cards

### COMBINATION FILE CARD & BRUSH

Part No. 70-99350



### FILE CARD

Part No. 70-99300



## HELLER NUCUT HACK SAW BLADES

**Heller nucut.** HELLER TOOLS SINCE 1893 High Speed "M"-HAX 12"-24T Hard Edge

**STANDARD STEEL BLADES** . . . for general all-purpose cutting by machinists, mechanics, electricians, plumbers and maintenance men.

**HIGH SPEED "M"-HAX BLADES** . . . for fast, dependable cutting and long life on a variety of steels.

**HIGH SPEED "T"-HAX BLADES** . . . with the heat resistant property necessary for cutting tough alloy steels.

### CHOOSE THE RIGHT EDGE

Each of the three types of Heller Hand Blades is available in "Hard-Edge" or "All-Hard".

**"HARD-EDGE"** Blades are best for general purpose cutting. They are heat treated only on the tooth edge. The body of the blade remains tough and flexible to resist breakage under severe conditions.

**"ALL-HARD"** Blades are heat treated for uniform hardness throughout. This gives them the stiffness preferred by skilled mechanics for straight, true cuts. They are recommended only where work is securely held.

## Heller **Start-A-Kut** Blades\*

Special "starter" teeth up front in the White End that start any hacksawing job faster and easier.



This is new! This is patented. Start-A-Kut blades let you start a cut in angle iron, conduit or tubing far faster, far easier than ever before in the history of hack saws. Starts are honestly easy. With positively less effort, the starter teeth lead the conventional teeth right into the work. No false starts. No bucking. No bounding. And Start-A-Kut definitely makes possible accurate hand-held cutting on more types of jobs.

In short, Start-A-Kut takes the "hack" out of hack-sawing. Saves seconds on every cut, minutes on every job, hours and hours in the course of a production year.

Available now in both 10" and 12" in High Speed "M" Hax, and "T" Hax, and also Standard Steel blades, at no increase in price.

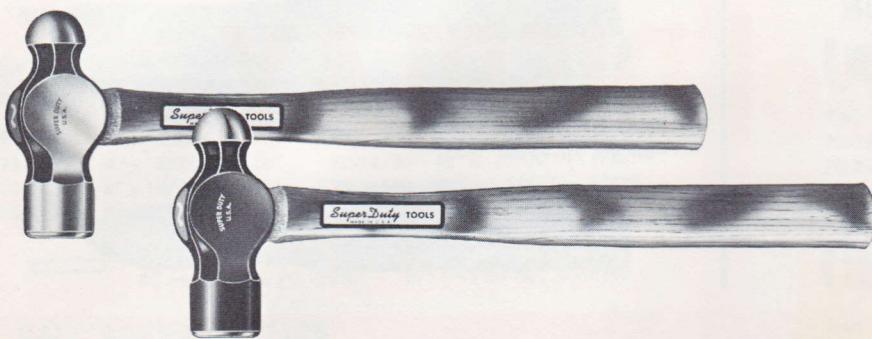
\* U.S. Patent No. 2,682,098

SPECIFICATIONS		STANDARD STEEL		HIGH SPEED "M"-HAX		HIGH SPEED "T"-HAX		
		Start-A-Kut	Regular	Start-A-Kut	Regular	Start-A-Kut	Regular	
10" x 1/2"	.025	18	30-01018	30-11018	31-01018	31-11018	32-01018	
		24	30-01024	30-11024	31-01024	31-11024	32-01024	
		32	30-01032	30-11032	31-01032	31-11032	32-01032	
12" x 1/2"	.025	14	30-01214	30-11214	31-01214	31-11214	32-01214	
		18	30-01218	30-11218	31-01218	31-11218	32-01218	
		24	30-01224	30-11224	31-01224	31-11224	32-01224	
		32	30-01232	30-11232	31-01232	31-11232	32-01232	
PACKED 100 BLADES IN A BOX		10" BLADES → Weight per 100: 3 1/4 lbs. 12" BLADES → Weight per 100: 4 lbs.				Weight per 100: 3 1/2 lbs. Weight per 100: 4 1/2 lbs.		
						Weight per 100: 4 1/4 lbs. Weight per 100: 4 3/4 lbs.		

This list comprises all types, sizes, and tooth spacings that will be regularly carried in stock. Anything differing from these Hack Saws will be considered as special and will not be manufactured except in cases of urgent necessity.

# HELLER *Super Duty* HAMMERS

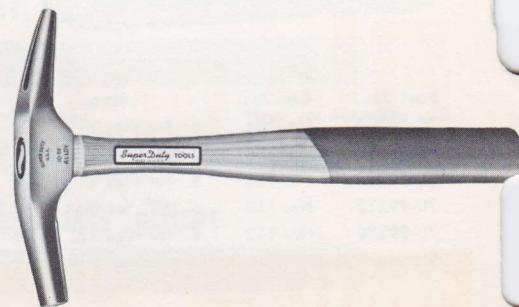
## BALL PEIN



Drop forged from highest quality tool steel, tempered and correctly balanced, these hammers are available either in full polish finish or black baked enamel finish, as illustrated. The letter "B" following the number indicates "black" finish. Also available in Excelsior Grade, indicated by letter "C", with black baked enamel forge finish.

Part No.	Cat. No.	Part No.	Cat. No.	Part No.	Cat. No.
86-30000	797	—	—	—	—
86-30250	798	86-30350	798B	—	—
86-30650	800	86-30800	800B	86-30950	800C
86-31200	801	86-31350	801B	86-31450	801C
86-31650	802	86-31800	802B	86-31950	802C
86-32150	803	86-32300	803B	86-32350	803C
86-32500	804	86-32750	804B	86-32950	804C
86-33200	806	86-33400	806B	86-33600	806C
86-33800	808	86-33950	808B	—	—
86-34350	810	86-34500	810B	—	—

## UPHOLSTERERS



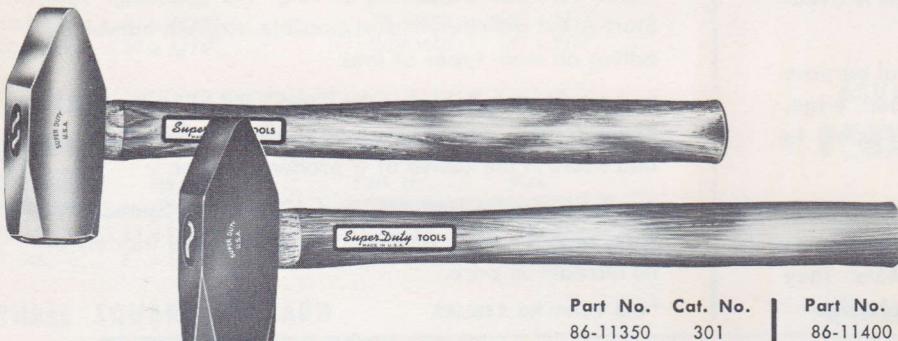
### Part No. 86-12550

### Catalog No. 404B

7 oz. Magnetic Trimmer's or Upholsterer's Hammer, Full Polished. Alloy steel; one end of head magnetized; Head 5½" long; overall length 11"; packed ½ doz.; Wt. 5 lbs. 10 oz.

Weight	Packed
2 oz.	½ doz. 1½ lbs.
4 oz.	½ doz. 2½ lbs.
8 oz.	½ doz. 5 lbs.
12 oz.	½ doz. 6½ lbs.
1 lb.	½ doz. 8½ lbs.
1½ lbs.	½ doz. 10½ lbs.
1½ lbs.	½ doz. 12 lbs.
2 lbs.	½ doz. 15½ lbs.
2½ lbs.	½ doz. 19 lbs.
3 lbs.	½ doz. 22 lbs.

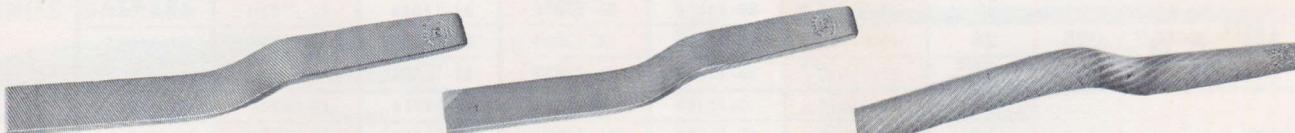
## HAND OR TIRE



These high grade hammers are drop forged from highest quality tool steel, are correctly tempered and perfectly balanced. Available in the two grades illustrated; full polish, and black baked enamel. The "B" following the number indicates "Black" finish.

Part No.	Cat. No.	Part No.	Cat. No.	Weight	Packed
86-11350	301	86-11400	301B	2 lbs.	½ doz. 10¾ lbs.
86-11550	302	86-11600	302B	2½ lbs.	½ doz. 13 lbs.
86-11750	303	86-11800	303B	3 lbs.	½ doz. 14¾ lbs.

## BODY BUMPING FILES



Part No. 85-02088  
Catalog No. 2088

### FLAT COARSE CUT

Length 12"; width 1 ¾"; Wt. 1 lb. 4 oz. each; packed ½ doz.; Wt. 6 lbs. 12 oz.

Part No. 85-02089  
Catalog No. 2089

### FLAT MEDIUM CUT

Length 12"; width 1 ¾"; Wt. 1 lb. 4 oz. each; packed ½ doz.; Wt. 6 lbs. 12 oz.

Part No. 85-02090  
Catalog No. 2090

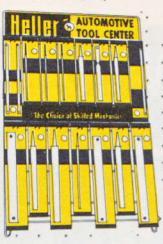
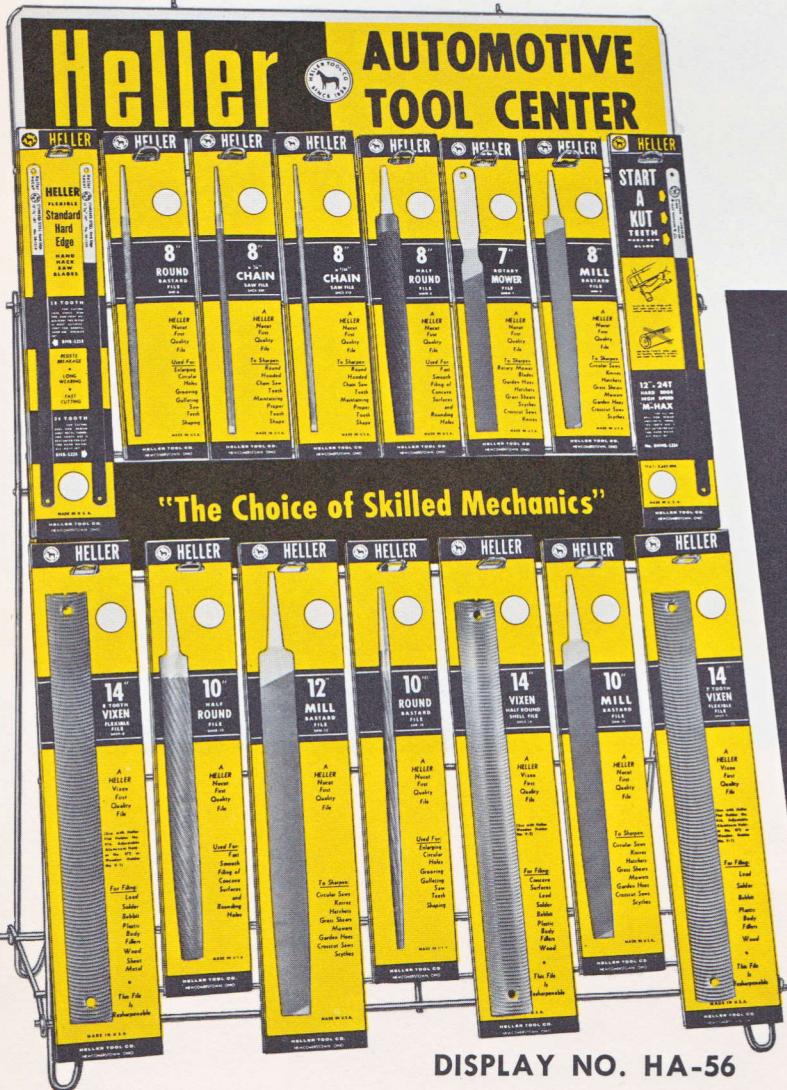
### HALF ROUND MEDIUM CUT

Length 12"; width 1 ¾"; Wt. 1 lb. 4 oz. each; packed ½ doz.; Wt. 6 lbs. 12 oz.

Part No. 85-02612 Assortment No. 2612—One each of the above, packed 1 set per box. Weight 3 lbs 12 ozs.

# NEW! "SEE IT-BUY IT!"

## File and Tool DISPLAY...



ORDER BY NUMBER FROM YOUR WHOLESALER NOW!

ACTUAL SIZE

24" wide x 38" high

SHIPPING WEIGHT

29 pounds

skin-packed files and  
blades on wire rack  
pegboard/counter display

**VIXEN®**  
MILLED CURVED-TOOTH FILES

**NUCUT®**  
AMERICAN PATTERN FILES

**NUCUT®**

HAND HACK SAW BLADES

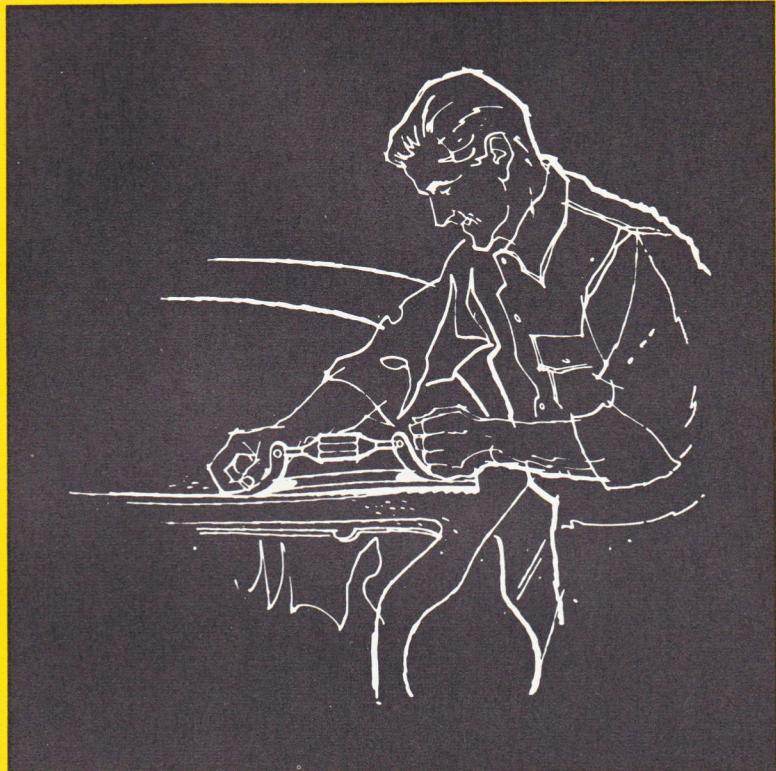
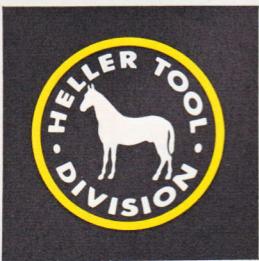
("Start-A-Kut" and Standard Types)

★ Popular, fast moving items  
on colorful, eye-catching display  
cards increase sales.

★ Eliminates "breaking boxes" for  
single unit sales.

★ Skin-packaging allows handling  
of products without rusting.

Replacement Skin-Packed Files and  
Hack Saws Available for this Display  
(See Price Folder)



## HELLER TOOL DIVISION • NEWCOMERSTOWN, OHIO

WALLACE-MURRAY CORPORATION

---

*Branch Offices and Warehouses:*

*Union, N. J. • Detroit • Chicago • Shreveport • Los Angeles • San Francisco • Portland, Oregon*

Downriver Warehouse Distributor

1336 Pennsylvania Avenue

Wyandotte, Michigan 48192

Phone: Area Code 313-285-3066 - 386-0700

Hardware **Hb** SUPPLEMENT

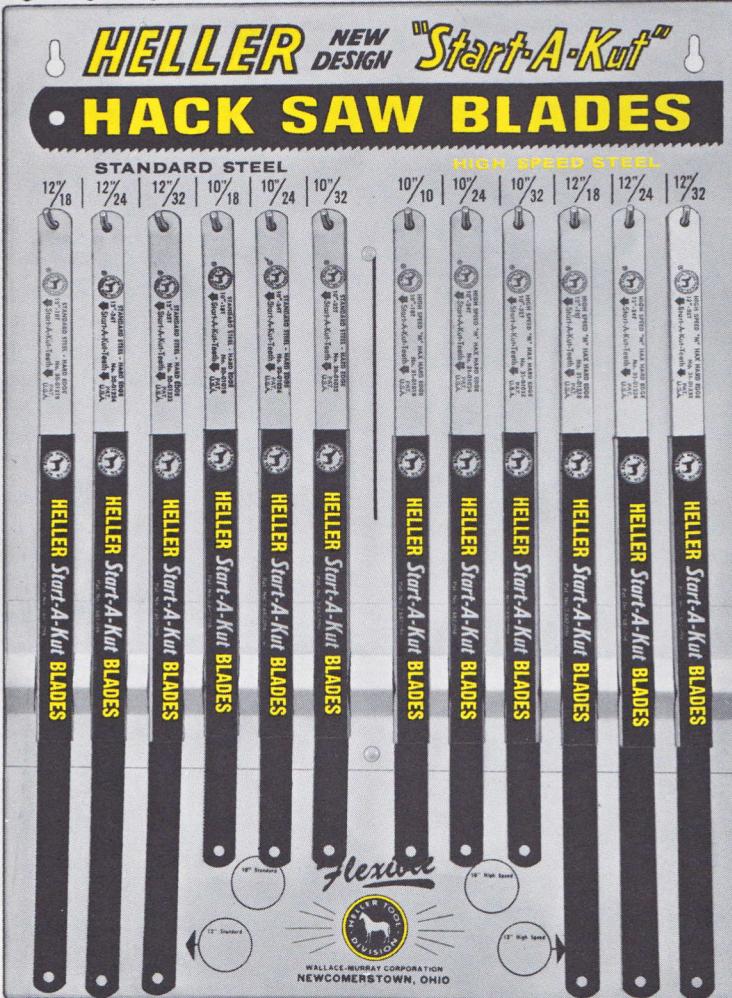
# Put this NEW HELLER HACK SAW MERCHANDISER to work for you!

Downriver Warehouse Distributor

1336 Pennsylvania Ave

Wyandotte, Michigan 48192

Phone: Area Code 313-285-3066 - 386-0700



## No. HHSM-80 MERCHANDISER

(ALL BLADES ARE FLEXIBLE HARD EDGE)

No. Blades on Display	Blade Cat. No.	Blade Type	List Price Each	Total List Price	Dealer Cost
10 Each	30-01018	Standard Steel	.167	\$1.67	\$1.09
10 "	30-01024	" "	.167	1.67	1.09
10 "	30-01032	" "	.167	1.67	1.09
10 "	30-01218	" "	.206	2.06	1.37
10 "	30-01224	" "	.206	2.06	1.37
10 "	30-01232	" "	.206	2.06	1.37
5 "	31-21018	High Speed Steel	.653	3.27	2.18
5 "	31-21024	" "	.653	3.27	2.18
5 "	31-21218	" "	.782	3.91	2.61
5 "	31-21224	" "	.782	3.91	2.61
2 "	31-21032	" "	.653	1.31	Free With Merchandiser
2 "	31-21232	" "	.782	1.56	
			TOTAL	\$28.42	\$16.96

For Easier Sales,  
Faster Turnover and  
Repeat Profits!

## No. HHSM-80 MERCHANDISER PROFIT-MAKING DEAL

Dealer Blade Cost **\$16.96**  
Selling Price . . . **28.42**  
Display . . . . . **FREE**  
**DEALER'S PROFIT** **\$11.46**  
(WITH FREE GOODS)

Designed to take hack saw blades off the shelf and put them out where they can be seen and bought, this new counter/wall display is a real sales and profit maker.

Its compact size (approximately 11" x 15") takes up little counter or wall space yet holds an ample supply of the most wanted blades, both standard and high speed steel.

Best of all, this attractive merchandising display offers you a 40% profit on an outlay of only \$16.96 which covers a total of 84 blades — the metal display itself is free. See details below.

### ORDER BY NUMBER



WALLACE-MURRAY CORPORATION

**HELLER TOOL DIVISION, NEWCOMERSTOWN, OHIO**

WALLACE-MURRAY CORPORATION

3.5M 6-68 PRINTED IN U.S.A.

**HELLER AUTOMOTIVE FILES, HACK SAWS, TOOLS  
JOBBER/DISTRIBUTOR NET PRICES**

Code	Cat. Page	Description	Pkg.	Per Doz.	Per Each	Code	Cat. Page	Description	Pkg.	Per Doz.	Per Each						
<b>VIXEN BLADE TYPE FILES</b>																	
81-11000	2	8" Flexible (Blades) Standard	12	\$26.88	\$ 2.24	70-02470	3	5" No. 2470 Voltage Regulator Files	144	\$16.20	\$ 1.35						
81-11150	2	10" Flexible (Blades) Standard	6	33.72	2.81			Carded									
81-11250	2	12" Flexible (Blades) Standard	6	40.32	3.36	70-01997	3	6" No. 1997 Voltage Regulator	12	24.24	2.02						
81-11450	2	14" Flexible (Blades) Standard 8 Teeth	6	42.60	3.55			Rifflers — in Tubes									
81-11390	2	14" Flexible (Blades) 6 Teeth	6	42.60	3.55	<b>VOLTAGE REGULATOR FILES</b>											
81-11400	2	14" Flexible (Blades) 7 Teeth	6	42.60	3.55	70-14050	4	4" Mill Bastard Nucut	12	\$ 5.64	\$ .47						
81-11500	2	14" Flexible (Blades) 9 Teeth	6	42.60	3.55	70-14300	4	6" Mill Bastard Nucut	12	5.64	.47						
81-12200	2	14" Half Round Shell (Blades) Standard	6	49.20	4.10	70-14550	4	8" Mill Bastard Nucut	12	6.72	.56						
		8 Teeth	6	49.20	4.10	70-14750	4	10" Mill Bastard Nucut	12	8.88	.74						
81-12255	2	14" Half Round Shell (Blades) 6 Teeth	6	49.20	4.10	70-14950	4	12" Mill Bastard Nucut	6	14.04	1.17						
81-16700	2	14" Half Oval Shell (Blades) Standard	6	49.20	4.10	70-15150	4	14" Mill Bastard Nucut	6	19.68	1.64						
		8 Teeth	6	49.20	4.10	70-16050	4	8" Mill Bastard 2 Round Edges Nucut	12	10.80	.90						
<b>VIXEN FILE HOLDERS</b>																	
81-99370	2	472 Adjustable Flexible File Holder	1	\$56.64	\$ 4.72	70-16100	4	10" Mill Bastard 2 Round Edges Nucut	12	13.56	1.13						
81-99350	2	416 12 or 14" Flexible File Holder	1	21.84	1.82	71-31700	4	6" Half Round Bastard Nucut	12	12.00	1.00						
81-99300	2	V-1 12 or 14" Flexible File Holder	12	25.44	2.12	71-31900	4	8" Half Round Bastard Nucut	12	14.52	1.21						
81-99305	2	V-2 14" Shell File Holder	12	23.52	1.96	71-32100	4	10" Half Round Bastard Nucut	6	18.00	1.50						
<b>VIXEN RIGID TANGED FILES</b>																	
81-12550	2	8" Flat (with Tang) Standard	12	\$25.56	\$ 2.13	71-32300	4	12" Half Round Bastard Nucut	6	22.80	1.90						
81-12700	2	10" Flat (with Tang) Standard	6	31.32	2.61	71-32500	4	14" Half Round Bastard Nucut	6	30.24	2.52						
81-12850	2	12" Flat (with Tang) Standard	6	37.68	3.14	71-22700	4	4" Flat Bastard Nucut	12	8.04	.67						
81-13000	2	14" Flat (with Tang) Standard	6	44.16	3.68	71-22950	4	6" Flat Bastard Nucut	12	8.76	.73						
81-13450	2	8" Flat Utility (with Tang) Combination	12	29.40	2.45	71-23200	4	8" Flat Bastard Nucut	12	10.80	.90						
81-13500	2	10" Flat Utility (with Tang) Combination	6	35.16	2.93	71-23400	4	10" Flat Bastard Nucut	6	13.90	1.15						
81-13550	2	12" Flat Utility (with Tang) Combination	6	41.28	3.44	71-23600	4	12" Flat Bastard Nucut	6	18.72	1.56						
81-13600	2	14" Flat Utility (with Tang) Combination	6	48.00	4.00	71-23800	4	14" Flat Bastard Nucut	6	25.92	2.16						
81-14650	2	8" Half Round (with Tang) Standard	12	30.12	2.56	70-39300	4	4" Round Bastard Nucut	12	7.08	.59						
81-14750	2	10" Half Round (with Tang) Standard	6	35.40	2.95	70-39600	4	6" Round Bastard Nucut	12	7.08	.59						
81-14850	2	12" Half Round (with Tang) Standard	6	42.12	3.51	70-39850	4	8" Round Bastard Nucut	12	8.52	.71						
81-14950	2	14" Half Round (with Tang) Standard	6	49.20	4.10	70-40050	4	10" Round Bastard Nucut	12	10.92	.91						
		2 8" Resharpening (All Shapes) All Cuts		5.04	.42	70-40250	4	12" Round Bastard Nucut	6	14.40	1.20						
		2 10" Resharpening (All Shapes) All Cuts		5.64	.47	70-40450	4	14" Round Bastard Nucut	6	20.88	1.74						
		2 12" Resharpening (All Shapes) All Cuts		6.48	.54	71-42500	4	4" Square Bastard Nucut	12	8.64	.72						
		2 14" Resharpening (All Shapes) All Cuts		6.84	.57	71-42800	4	6" Square Bastard Nucut	12	9.24	.77						
<b>VIXEN REVEAL TOOLS - FILES - HOLDERS</b>																	
81-00152	3	152 Reveal Tool	1	\$32.64	\$ 2.72	71-43000	4	8" Square Bastard Nucut	12	10.92	.91						
81-00153	3	153 Reveal — Shell Vixen	6	20.88	1.74	71-43200	4	10" Square Bastard Nucut	12	14.52	1.21						
81-00154	3	154 Reveal — Square Corner Vixen	6	20.88	1.74	71-43400	4	12" Square Bastard Nucut	6	20.16	1.68						
81-00155	3	155 Reveal — Round Corner Vixen	6	20.88	1.74	71-43600	4	14" Square Bastard Nucut	6	27.36	2.28						
81-00156	3	156 Reveal — Shell Bent Vixen	6	20.88	1.74	71-51650	4	6" Three Square Bastard Nucut	12	12.00	1.00						
81-00157	3	157 Reveal — Molding Vixen	6	20.88	1.74	71-51800	4	8" Three Square Bastard Nucut	12	14.40	1.20						
81-00158	3	158 Reveal Set (Tool and No. 155 File)	1	—	4.46	71-51950	4	10" Three Square Bastard Nucut	12	18.00	1.50						
81-00159	3	159 Reveal Set (Tool and 5 Assorted Files)	1	—	11.42	71-50000	4	6" Knife Bastard Nucut	12	11.76	.98						
						71-50150	4	8" Knife Bastard Nucut	12	16.56	1.38						
						70-04116	4	7" Rotary Mower and Garden Tool Nucut	12	9.36	.78						
						70-24300	4	8" Multikut Flat Nucut	12	11.40	.95						
81-00332	3	332 7" x 5/8" Reveal File — Flat	12	39.00	3.25	70-24350	4	10" Multikut Flat Nucut	6	15.12	1.26						
81-99325	3	V-7 Holder for No. 332 File	12	15.72	1.31	70-24400	4	12" Multikut Flat Nucut	6	20.76	1.73						
81-01386	3	1386 7" x 5/8" Reveal File — Shell	12	39.00	3.25	70-24450	4	14" Multikut Flat Nucut	6	27.96	2.33						
81-99335	3	V-9 Holder for No. 1386 File	12	15.72	1.31	70-32800	4	8" Multikut Half Round Nucut	12	16.20	1.35						
81-01389	3	1389 7" x 5/8" Reveal File Molding	12	39.00	3.25	70-32850	4	10" Multikut Half Round Nucut	6	19.56	1.63						
81-99330	3	V-8 Holder for No. 1389 File	12	15.72	1.31	70-32900	4	12" Multikut Half Round Nucut	6	25.32	2.11						
81-00996	3	996 12" Reveal File — Curved Shell	6	49.20	4.10	70-32950	4	14" Multikut Half Round Nucut	6	32.88	2.74						
81-99340	3	V-10 Holder for No. 996 File	12	25.44	2.12	70-43950	4	8" Multikut Square Nucut	12	16.68	1.39						
<b>IGNITION FILES - TUNGSTEN POINT FILES</b>																	
73-10250	3	5" Pocket Clip	12	\$ 4.08	\$ .34	70-44000	4	10" Multikut Square Nucut	12	18.96	1.58						
73-10350	3	5" Pocket Clip, Carded 1 doz. per card	144	4.32	.36	70-44050	4	12" Multikut Square Nucut	6	25.80	2.15						
73-10100	3	5" Regular	12	2.64	.22	70-44100	4	14" Multikut Square Nucut	6	33.84	2.82						
73-10200	3	5" Regular, Carded 1 doz. per card	144	3.00	.25	70-83030	4	8" Chain Saw Round 3/16" diam. Nucut	12	7.80	.65						
						70-73060	4	8" Chain Saw Round 7/32" diam. Nucut	12	7.80	.65						

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## HELLER AUTOMOTIVE FILES, HACK SAWS, TOOLS JOBBER/DISTRIBUTOR NET PRICES

Code	Cat. Page	Description	Pkg.	Per Doz.	Each
<b>American Pattern Files (Cont.)</b>					
70-73090	4	8" Chain Saw Round $\frac{1}{4}$ " diam. Nucut	12	\$ 7.80	\$.65
70-73120	4	8" Chain Saw Round $\frac{5}{32}$ " diam. Nucut	12	8.16	.68
70-73150	4	8" Chain Saw Round $\frac{5}{16}$ " diam. Nucut	12	8.52	.71
70-73180	4	8" Chain Saw Round $\frac{3}{8}$ " diam. Nucut	12	8.88	.74
70-03084	4	8" Chain Saw Narrow Mill No. 3084 Nucut	12	10.68	.89
70-04680	4	7" Chain Saw Beveled Edge No. 4680 Nucut	12	18.12	1.51
70-53650	4	5" Slim Taper Nucut	12	4.56	.38
70-53700	4	6" Slim Taper Nucut	12	5.52	.46
70-53800	4	8" Slim Taper Nucut	12	8.04	.67
70-53850	4	10" Slim Taper Nucut	12	10.92	.91
70-54850	4	5" Extra Slim Taper Nucut	12	4.56	.38
70-54950	4	6" Extra Slim Taper Nucut	12	5.52	.46
70-55000	4	7" Extra Slim Taper Nucut	12	6.60	.55
70-55050	4	8" Extra Slim Taper Nucut	12	8.04	.67
70-56100	4	5" Double Extra Slim Taper Nucut	12	4.92	.41
70-56200	4	6" Double Extra Slim Taper Nucut	12	5.52	.46
70-56250	4	7" Double Extra Slim Taper Nucut	12	6.60	.55
70-56300	4	8" Double Extra Slim Taper Nucut	12	8.04	.67
<b>* AMERICAN PATTERN FILES JOHNSON BRAND</b>					
76-14050		4" Mill Bastard Johnson	12	\$ 5.04	\$.42
76-14300		6" Mill Bastard Johnson	12	5.04	.42
76-14550		8" Mill Bastard Johnson	12	6.03	.51
76-14750		10" Mill Bastard Johnson	12	7.99	.67
76-14950		12" Mill Bastard Johnson	6	12.62	1.06
76-15150		14" Mill Bastard Johnson	6	17.66	1.48
76-16050		8" Mill Bastard 2 Rd. Edges Johnson	12	9.68	.81
76-16100		10" Mill Bastard 2 Rd. Edges Johnson	12	12.20	1.02
76-31700		6" Half Round Bastard Johnson	12	10.79	.90
76-31900		8" Half Round Bastard Johnson	12	13.04	1.09
76-32100		10" Half Round Bastard Johnson	6	16.13	1.35
76-32300		12" Half Round Bastard Johnson	6	20.47	1.71
76-32500		14" Half Round Bastard Johnson	6	27.21	2.27
76-22700		4" Flat Bastard Johnson	12	7.14	.60
76-22950		6" Flat Bastard Johnson	12	7.84	.66
76-23200		8" Flat Bastard Johnson	12	9.68	.81
76-23400		10" Flat Bastard Johnson	6	12.34	1.03
76-23600		12" Flat Bastard Johnson	6	16.84	1.41
76-23800		14" Flat Bastard Johnson	6	23.27	1.94
76-39300		4" Round Bastard Johnson	12	6.31	.53
76-39600		6" Round Bastard Johnson	12	6.31	.53
76-39850		8" Round Bastard Johnson	12	7.57	.64
76-40050		10" Round Bastard Johnson	12	9.82	.82
76-40250		12" Round Bastard Johnson	6	12.90	1.08
76-40450		14" Round Bastard Johnson	6	18.79	1.57
76-42500		4" Square Bastard Johnson	12	7.91	.65
76-42800		6" Square Bastard Johnson	12	8.27	.69
76-43000		8" Square Bastard Johnson	12	9.82	.82
76-43200		10" Square Bastard Johnson	12	13.04	1.09
76-43400		12" Square Bastard Johnson	6	18.09	1.51
76-43600		14" Square Bastard Johnson	6	24.55	2.05
76-51650		6" Three Square Bastard Johnson	12	10.79	.90
76-51800		8" Three Square Bastard Johnson	12	12.90	1.08
76-51950		10" Three Square Bastard Johnson	12	16.13	1.35
76-50000		6" Knife Bastard Johnson	12	12.34	1.03
76-50150		8" Knife Bastard Johnson	12	14.86	1.24
76-53650		5" Slim Taper Johnson	12	4.06	.34

Code	Cat. Page	Description	Pkg.	Per Doz.	Each
<b>Johnson Brand Files (Cont.)</b>					
76-53700		6" Slim Taper Johnson	12	\$ 4.91	\$.41
76-53800		8" Slim Taper Johnson	12	7.14	.60
76-53850		10" Slim Taper Johnson	12	9.82	.82
76-54850		5" Extra Slim Taper Johnson	12	4.06	.34
76-54950		6" Extra Slim Taper Johnson	12	4.91	.41
76-55000		7" Extra Slim Taper Johnson	12	5.88	.49
76-55050		8" Extra Slim Taper Johnson	12	7.14	.60
76-56100		5" Double Extra Slim Taper Johnson	12	4.34	.37
76-56200		6" Double Extra Slim Taper Johnson	12	4.91	.41
76-56250		7" Double Extra Slim Taper Johnson	12	5.88	.49
76-56300		8" Double Extra Slim Taper Johnson	12	7.14	.60

## \*AMERICAN PATTERN FILES BLACK KING BRAND

77-14050	4" Mill Bastard Black King	12	\$ 5.04	\$.42
77-14300	6" Mill Bastard Black King	12	5.04	.42
77-14550	8" Mill Bastard Black King	12	6.03	.51
77-14750	10" Mill Bastard Black King	12	7.99	.67
77-14950	12" Mill Bastard Black King	6	12.62	1.06
77-15150	14" Mill Bastard Black King	6	17.66	1.48
77-31700	6" Half Round Bastard Black King	12	10.79	.90
77-31900	8" Half Round Bastard Black King	12	13.04	1.09
77-32100	10" Half Round Bastard Black King	6	16.13	1.35
77-32300	12" Half Round Bastard Black King	6	20.47	1.71
77-32500	14" Half Round Bastard Black King	6	27.21	2.27
77-22700	4" Flat Bastard Black King	12	7.14	.60
77-22950	6" Flat Bastard Black King	12	7.84	.66
77-23200	8" Flat Bastard Black King	12	9.68	.81
77-23400	10" Flat Bastard Black King	6	12.34	1.03
77-23600	12" Flat Bastard Black King	6	16.84	1.41
77-23800	14" Flat Bastard Black King	6	23.27	1.94
77-39300	4" Round Bastard Black King	12	6.31	.53
77-39600	6" Round Bastard Black King	12	6.31	.53
77-39850	8" Round Bastard Black King	12	7.57	.64
77-40050	10" Round Bastard Black King	12	9.82	.82
77-40250	12" Round Bastard Black King	6	12.90	1.08
77-40500	14" Round Bastard Black King	6	18.79	1.57
77-53650	5" Slim Taper Black King	12	4.06	.34
77-53700	6" Slim Taper Black King	12	4.91	.41
77-53800	8" Slim Taper Black King	12	7.14	.60
77-53850	10" Slim Taper Black King	12	9.82	.82
77-54850	5" Extra Slim Taper Black King	12	4.06	.34
77-54950	6" Extra Slim Taper Black King	12	4.91	.41
77-55000	7" Extra Slim Taper Black King	12	5.88	.49
77-55050	8" Extra Slim Taper Black King	12	7.14	.60
77-56100	5" Double Extra Slim Taper Black King	12	4.34	.37
77-56200	6" Double Extra Slim Taper Black King	12	4.91	.41
77-56250	7" Double Extra Slim Taper Black King	12	5.88	.49
77-56300	8" Double Extra Slim Taper Black King	12	7.14	.60

\* Not illustrated in catalog.

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**HELLER AUTOMOTIVE FILES, HACK SAWS, TOOLS**  
**JOBBER/DISTRIBUTOR NET PRICES**

Code	Cat. Page	Description	Per Pkg.	Doz.	Each
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**↑ FILE HANDLES, ORDER BY NUMBER**

70-99200	5	104 4" for files 3" to 6"	36	\$ 2.96	.25
70-99205	5	106 4 1/4" for files 4" to 8"	36	3.45	.29
70-99210	5	108 5" for files 6" to 10"	36	3.90	.33
70-99215	5	110 5 1/2" for files 8" to 12"	36	4.52	.38
70-99220	5	112 6" for files 12" to 18"	36	5.92	.50

**↑ FILE CARDS**

70-99350	5	Combination File Card and Brush	6	\$21.35	\$ 1.78
70-99300	5	Plain File Cards	12	9.04	.76

**HAND HACK SAW BLADES**

30-01018	5	10 x 1/2 x .025 x 18 Standard Hard Edge	100	\$ .927	
30-01024	5	10 x 1/2 x .025 x 24 Standard Hard Edge	100	.927	
↑30-01032	5	10 x 1/2 x .025 x 32 Standard Hard Edge	100	.927	
↑30-01214	5	12 x 1/2 x .025 x 14 Standard Hard Edge	100	.1029	
↑30-01218	5	12 x 1/2 x .025 x 18 Standard Hard Edge	100	.1029	
30-01224	5	12 x 1/2 x .025 x 24 Standard Hard Edge	100	.1029	
30-01232	5	12 x 1/2 x .025 x 32 Standard Hard Edge	100	.1029	
31-21018	5	10 x 1/2 x .025 x 18 M Hax Start-A-Kut Hard Edge	100	.3512	
↑31-21024	5	10 x 1/2 x .025 x 24 M Hax Start-A-Kut Hard Edge	100	.3512	
↑31-21032	5	10 x 1/2 x .025 x 32 M Hax Start-A-Kut Hard Edge	100	.3512	
↑31-21214	5	12 x 1/2 x .025 x 14 M Hax Start-A-Kut Hard Edge	100	.3908	
31-21218	5	12 x 1/2 x .025 x 18 M Hax Start-A-Kut Hard Edge	100	.3908	
31-21224	5	12 x 1/2 x .025 x 24 M Hax Start-A-Kut Hard Edge	100	.3908	
31-21232	5	12 x 1/2 x .025 x 32 M Hax Start-A-Kut Hard Edge	100	.3908	
31-01018	5	10 x 1/2 x .025 x 18 M Hax Hard Edge	100	.3512	
31-01024	5	10 x 1/2 x .025 x 24 M Hax Hard Edge	100	.3512	
↑31-01032	5	10 x 1/2 x .025 x 32 M Hax Hard Edge	100	.3512	
↑31-01214	5	12 x 1/2 x .025 x 14 M Hax Hard Edge	100	.3908	
↑31-01218	5	12 x 1/2 x .025 x 18 M Hax Hard Edge	100	.3908	
31-01224	5	12 x 1/2 x .025 x 24 M Hax Hard Edge	100	.3908	
31-01232	5	12 x 1/2 x .025 x 32 M Hax Hard Edge	100	.3908	
31-11018	5	10 x 1/2 x .025 x 18 M Hax All Hard	100	.3512	
31-11024	5	10 x 1/2 x .025 x 24 M Hax All Hard	100	.3512	
↑31-11032	5	10 x 1/2 x .025 x 32 M Hax All Hard	100	.3512	
↑31-11214	5	12 x 1/2 x .025 x 14 M Hax All Hard	100	.3908	
↑31-11218	5	12 x 1/2 x .025 x 18 M Hax All Hard	100	.3908	
31-11224	5	12 x 1/2 x .025 x 24 M Hax All Hard	100	.3908	
31-11232	5	12 x 1/2 x .025 x 32 M Hax All Hard	100	.3908	
32-01018	5	10 x 1/2 x .025 x 18 T Hax Hard Edge	100	.4143	
32-01024	5	10 x 1/2 x .025 x 24 T Hax Hard Edge	100	.4143	
↑32-01032	5	10 x 1/2 x .025 x 32 T Hax Hard Edge	100	.4143	
↑32-01214	5	12 x 1/2 x .025 x 14 T Hax Hard Edge	100	.4568	
↑32-01218	5	12 x 1/2 x .025 x 18 T Hax Hard Edge	100	.4568	
32-01224	5	12 x 1/2 x .025 x 24 T Hax Hard Edge	100	.4568	
32-01232	5	12 x 1/2 x .025 x 32 T Hax Hard Edge	100	.4568	

Code	Cat. Page	Description	Per Pkg.	Doz.	Each
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**Hand Hack Saw Blades (Cont.)**

↑32-11018	5	10 x 1/2 x .025 x 18 T Hax All Hard	100	.4143	
↑32-11024	5	10 x 1/2 x .025 x 24 T Hax All Hard	100	.4143	
↑32-11032	5	10 x 1/2 x .025 x 32 T Hax All Hard	100	.4143	
32-11214	5	12 x 1/2 x .025 x 14 T Hax All Hard	100	.4568	
32-11218	5	12 x 1/2 x .025 x 18 T Hax All Hard	100	.4568	
32-11224	5	12 x 1/2 x .025 x 24 T Hax All Hard	100	.4568	
32-11232	5	12 x 1/2 x .025 x 32 T Hax All Hard	100	.4568	

**SUPER DUTY HAMMERS  
UPHOLSTERERS' HAMMERS**

86-12550	6	404B 7 oz. Magnetic Polished	6	\$38.76	\$ 3.23
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**BALL PEIN HAMMERS**

86-30000	6	797 Polished Super Duty 2 oz.	6	\$28.86	\$ 2.41
86-30250	6	798 Polished Super Duty 4 oz.	6	29.64	2.47
86-30650	6	800 Polished Super Duty 8 oz.	6	31.20	2.60
86-31200	6	801 Polished Super Duty 12 oz.	6	31.98	2.67
86-31650	6	802 Polished Super Duty 1 lb.	6	34.32	2.86
86-32150	6	803 Polished Super Duty 1 1/4 lb.	6	35.88	2.99
86-32500	6	804 Polished Super Duty 1 1/2 lb.	6	37.44	3.12
86-33200	6	806 Polished Super Duty 2 lb.	6	39.78	3.32
86-33800	6	808 Polished Super Duty 2 1/2 lb.	6	45.24	3.77
86-44350	6	810 Polished Super Duty 3 lb.	6	46.80	3.90
86-30350	6	798B Black Super Duty 4 oz.	6	25.74	2.15
86-30800	6	800B Black Super Duty 8 oz.	6	26.52	2.21
86-31350	6	801B Black Super Duty 12 oz.	6	27.30	2.28
86-31800	6	802B Black Super Duty 1 lb.	6	29.64	2.47
86-32300	6	803B Black Super Duty 1 1/4 lb.	6	32.30	2.70
86-32750	6	804B Black Super Duty 1 1/2 lb.	6	33.54	2.80
86-33400	6	806B Black Super Duty 2 lb.	6	35.42	2.96
86-33950	6	808B Black Super Duty 2 1/2 lb.	6	40.10	3.35
86-34500	6	801B Black Super Duty 3 lb.	6	44.46	3.71
86-30950	6	800C Excelsior 8 oz.	6	19.50	6.63
86-31450	6	801C Excelsior 12 oz.	6	20.28	1.69
86-31950	6	802C Excelsior 1 lb.	6	22.94	1.92
86-32350	6	803C Excelsior 1 1/4 lb.	6	24.50	2.05
86-32950	6	804C Excelsior 1 1/2 lbs.	6	25.74	2.15
86-33600	6	806C Excelsior 2 lb.	6	26.84	2.24

**HAND OR TIRE HAMMERS**

86-11350	6	301 Polished Super Duty 2 lb.	4	\$49.45	\$ 4.13
86-11550	6	302 Polished Super Duty 2 1/2 lb.	6	52.26	4.36
86-11750	6	303 Polished Super Duty 3 lb.	4	55.38	4.62
86-11400	6	301B Black Super Duty 2 lb.	4	41.34	3.45
86-11600	6	302B Black Super Duty 2 1/2 lb.	4	44.00	3.67
86-11800	6	303B Black Super Duty 3 lb.	4	45.24	3.77

**BODY BUMPING FILES**

85-02088	6	2088 Flat Coarse Cut	6	\$25.32	\$ 2.11
85-02089	6	2089 Flat Medium Cut	6	25.32	2.11
85-02090	6	2090 Half Round Medium Cut	6	30.48	2.54
85-02612	6	2612 Set - 1 Each of Above 3 Kinds...	1	81.12	6.76

Less than standard package quantities will be invoiced at \$1.00 each and shown on invoice as separate item.  
(Does not apply to hand hack saw blades)

## HELLER SKIN PACKAGED AUTOMOTIVE DISPLAY

## ↑ FILES - HACK SAW BLADES

## JOBBER/DISTRIBUTOR PRICES

Cat. Page	Quantity Per Display	Item Number	DESCRIPTION	Net Each	Replace- ment Package	Price Per Dozen	Suggested Mechanic - User Net Each
7	3	SHM-8	8" Mill Bastard Single Cut Nucut	.67	12	\$ 8.04	\$1.01
7	3	SHM-10	10" Mill Bastard Single Cut Nucut	.85	12	10.20	1.28
7	3	SHM-12	12" Mill Bastard Single Cut Nucut	1.27	6	15.24	1.91
7	3	SHHR-8	8" Half Round Bastard Wavy Nucut	1.31	12	15.72	1.97
7	3	SHHR-10	10" Half Round Bastard Wavy Nucut	1.61	12	19.32	2.42
7	3	SHR-8	8" Round Bastard Nucut	.80	12	9.60	1.20
7	3	SHR-10	10" Round Bastard Nucut	1.01	12	12.12	1.52
7	3	SHCS-218	8 x $\frac{1}{32}$ " Round Chain Saw Nucut	.71	12	8.52	1.07
7	3	SHCS-250	8 x $\frac{1}{4}$ " Round Chain Saw Nucut	.71	12	8.52	1.07
7	3	SHRM-7	7" Rotary Mower File Nucut	.91	12	10.92	1.37
7	2	SHVF-7	14" Flexible Vixen 7T	3.56	6	42.72	5.34
7	2	SHVF-8	14" Flexible Vixen 8T	3.56	6	42.72	5.34
7	2	SHVS-14	14" Half Round Shell Vixen	4.12	6	49.44	6.18
Cards				PRICE EACH CARD	CARDS PER PACKAGE	PRICE PER PACKAGE	
7	10	SHS-12	Each Card contains 2 - 12" Standard Steel Blades (one 18 Tooth, one 24 Tooth)	2.15	10	2.15	.43
Cards				PRICE EACH CARD	CARDS PER PACKAGE	PRICE PER PACKAGE	
7	10	SHHS-1224	Each Card contains 1 - 12" x 24 Tooth Start-A-Kut M Hax High Speed Steel Blade	.40	10	4.00	.80
7	1	HA-56	Skin Packaged Automotive Display - Net Each \$58.18		SUGGESTED RESALE EACH	\$90.48	

PLEASE ORDER BY ITEM NUMBER

Replacement Stock Sold Only in Standard Package Quantity

**HELLER AUTOMOTIVE FILES, HACK SAWS, TOOLS**  
**SUGGESTED MECHANIC/USER NET PRICE** ▲

Cat. Code	Page	Description	Pkg.	Each
<b>VIXEN BLADE TYPE FILES</b>				
81-11000	2	8" Flexible (Blades) Standard	12	\$ 3.54
81-11150	2	10" Flexible (Blades) Standard	6	4.43
81-11250	2	12" Flexible (Blades) Standard	6	5.30
81-11450	2	14" Flexible (Blades) Standard 8 Teeth	6	5.60
81-11390	2	14" Flexible (Blades) 6 Teeth	6	5.60
81-11400	2	14" Flexible (Blades) 7 Teeth	6	5.60
81-11500	2	14" Flexible (Blades) 9 Teeth	6	5.60
81-12200	2	14" Half Round Shell (Blades) Standard 8 Teeth	6	6.47
81-12255	2	14" Half Round Shell (Blades) 6 Teeth	6	6.47
81-16700	2	14" Half Oval Shell (Blades) Standard 8 Teeth	6	6.47
<b>VIXEN FILE HOLDERS</b>				
81-99370	2	472 Adjustable Flexible File Holder	1	7.44
81-99350	2	416 12 or 14" Flexible File Holder	1	2.87
81-99300	2	V-1 12 or 14" Flexible File Holder	12	3.35
81-99305	2	V-2 14" Shell File Holder	12	3.10
<b>VIXEN RIGID TANGED FILES</b>				
81-12550	2	8" Flat (with Tang) Standard	12	3.36
81-12700	2	10" Flat (with Tang) Standard	6	4.11
81-12850	2	12" Flat (with Tang) Standard	6	4.95
81-13000	2	14" Flat (with Tang) Standard	6	5.79
81-13450	2	8" Flat Utility (with Tang) Combination	12	3.86
81-13500	2	10" Flat Utility (with Tang) Combination	6	4.62
81-13550	2	12" Flat Utility (with Tang) Combination	6	5.42
81-13600	2	14" Flat Utility (with Tang) Combination	6	6.30
81-14650	2	8" Half Round (with Tang) Standard	12	4.04
81-14750	2	10" Half Round (with Tang) Standard	6	4.65
81-14850	2	12" Half Round (with Tang) Standard	6	5.54
81-14950	2	14" Half Round (with Tang) Standard 2 8" Resharpening (All Shapes) All Cuts	6	6.47 .90
		2 10" Resharpening (All Shapes) All Cuts		1.00
		2 12" Resharpening (All Shapes) All Cuts		1.14
		2 14" Resharpening (All Shapes) All Cuts		1.20
<b>VIXEN REVEAL TOOLS - FILES - HOLDERS</b>				
81-00152	3	152 Reveal Tool	1	4.29
81-00153	3	153 Reveal - Shell Vixen	6	2.75
81-00154	3	154 Reveal - Square Corner Vixen	6	2.75
81-00155	3	155 Reveal - Round Corner Vixen	6	2.75
81-00156	3	156 Reveal - Shell Bent Vixen	6	2.75
81-00157	3	157 Reveal - Molding Vixen	6	2.75
81-00158	3	158 Reveal Set (Tool and No. 155 File)	1	7.02
81-00159	3	159 Reveal Set (Tool and 5 Assorted Files)	1	17.99
81-00332	3	332 7" x 5/8" Reveal File - Flat	12	5.12
81-99325	3	V-7 Holder for No. 332 File	12	2.07
81-01386	3	1386 7" x 5/8" Reveal File - Shell	12	5.12
81-99335	3	V-9 Holder for No. 1386 File	12	2.07
81-01389	3	1389 7" x 5/8" Reveal File Molding	12	5.12
81-99330	3	V-8 Holder for No. 1389 File	12	2.07
81-00996	3	996 12" Reveal File - Curved Shell	6	6.47
81-99340	3	V-10 Holder for No. 996 File	12	3.35
<b>IGNITION FILES</b> <b>TUNGSTEN POINT FILES</b>				
70-10250	3	5" Pocket Clip	12	.54
70-10350	3	5" Pocket Clip, Carded 1 doz. per card	144	.57
70-10100	3	5" Regular	12	.36
70-10200	3	5" Regular, Carded 1 doz. per card	144	.41

Cat. Code	Page	Description	Pkg.	Each
<b>VOLTAGE REGULATOR FILES</b>				
70-02470	3	5" No. 2470 Voltage Regulator Files Carded	144	\$ 2.13
70-01997	3	6" No. 1997 Voltage Regulator Riffliers - in Tubes	12	3.18
<b>AMERICAN PATTERN FILES - NUCUT</b> <b>BRAND - HIGHEST QUALITY</b>				
70-14050	4	4" Mill Bastard Nucut	12	.75
70-14300	4	6" Mill Bastard Nucut	12	.75
70-14550	4	8" Mill Bastard Nucut	12	.89
70-14750	4	10" Mill Bastard Nucut	12	1.17
70-14950	4	12" Mill Bastard Nucut	6	1.86
70-15150	4	14" Mill Bastard Nucut	6	2.60
70-16050	4	8" Mill Bastard 2 Round Edges Nucut	12	1.43
70-16100	4	10" Mill Bastard 2 Round Edges Nucut	12	1.80
71-31700	4	6" Half Round Bastard Nucut	12	1.58
71-31900	4	8" Half Round Bastard Nucut	12	1.92
71-32100	4	10" Half Round Bastard Nucut	6	2.37
71-32300	4	12" Half Round Bastard Nucut	6	3.00
71-32500	4	14" Half Round Bastard Nucut	6	3.98
71-22700	4	4" Flat Bastard Nucut	12	1.05
71-22950	4	6" Flat Bastard Nucut	12	1.16
71-23200	4	8" Flat Bastard Nucut	12	1.43
71-23400	4	10" Flat Bastard Nucut	6	1.82
71-23600	4	12" Flat Bastard Nucut	6	2.46
71-23800	4	14" Flat Bastard Nucut	6	3.42
70-39300	4	4" Round Bastard Nucut	12	.89
70-39600	4	6" Round Bastard Nucut	12	.89
70-39850	4	8" Round Bastard Nucut	12	1.07
70-40050	4	10" Round Bastard Nucut	12	1.37
70-40250	4	12" Round Bastard Nucut	6	1.89
70-40450	4	14" Round Bastard Nucut	6	2.75
71-42500	4	4" Square Bastard Nucut	12	1.14
71-42800	4	6" Square Bastard Nucut	12	1.22
71-43000	4	8" Square Bastard Nucut	12	1.46
71-43200	4	10" Square Bastard Nucut	12	1.92
71-43400	4	12" Square Bastard Nucut	6	2.66
71-43600	4	14" Square Bastard Nucut	6	3.59
71-51650	4	6" Three Square Bastard Nucut	12	1.59
71-51800	4	8" Three Square Bastard Nucut	12	1.89
71-51950	4	10" Three Square Bastard Nucut	12	2.37
71-50000	4	6" Knife Bastard Nucut	12	1.55
71-50150	4	8" Knife Bastard Nucut	12	2.19
70-04116	4	7" Rotary Mower and Garden Tool Nucut	12	1.23
70-24300	4	8" Multikut Flat Nucut	12	1.50
70-24350	4	10" Multikut Flat Nucut	6	2.00
70-24400	4	12" Multikut Flat Nucut	6	2.73
70-24450	4	14" Multikut Flat Nucut	6	3.68
70-32800	4	8" Multikut Half Round Nucut	12	2.15
70-32850	4	10" Multikut Half Round Nucut	6	2.58
70-32900	4	12" Multikut Half Round Nucut	6	3.33
70-32950	4	14" Multikut Half Round Nucut	6	4.34
70-43950	4	8" Multikut Square Nucut	12	2.21
70-44000	4	10" Multikut Square Nucut	12	2.48
70-44050	4	12" Multikut Square Nucut	6	3.39
70-44100	4	14" Multikut Square Nucut	6	4.44
70-73030	4	8" Chain Saw Round $\frac{3}{16}$ diam. Nucut	12	.98
70-73060	4	8" Chain Saw Round $\frac{1}{2}$ diam. Nucut	12	.98

## HELLER AUTOMOTIVE FILES, HACK SAWS, TOOLS SUGGESTED MECHANIC/USER NET PRICE ↑

Code	Cat. Page	Description	Pkg.	Each
<b>American Pattern Files (Cont.)</b>				
70-73090	4	8" Chain Saw Round $\frac{1}{4}$ " diam. Nucut	12	.98
70-73120	4	8" Chain Saw Round $\frac{5}{32}$ " diam. Nucut	12	1.02
70-73150	4	8" Chain Saw Round $\frac{5}{16}$ " diam. Nucut	12	1.07
70-73180	4	8" Chain Saw Round $\frac{3}{8}$ " diam. Nucut	12	1.11
70-03084	4	8" Chain Saw Narrow Mill No. 3084 Nucut	12	1.41
70-04680	4	7" Chain Saw Beveled Edge No. 4680 Nucut	12	2.27
70-53650	4	5" Slim Taper Nucut	12	.62
70-53700	4	6" Slim Taper Nucut	12	.72
70-53800	4	8" Slim Taper Nucut	12	1.05
70-53850	4	10" Slim Taper Nucut	12	1.44
70-54850	4	5" Extra Slim Taper Nucut	12	.62
70-54950	4	6" Extra Slim Taper Nucut	12	.72
70-55000	4	7" Extra Slim Taper Nucut	12	.89
70-55050	4	8" Extra Slim Taper Nucut	12	1.07
70-56100	4	5" Double Extra Slim Taper Nucut	12	.65
70-56200	4	6" Double Extra Slim Taper Nucut	12	.72
70-56250	4	7" Double Extra Slim Taper Nucut	12	.89
70-56300	4	8" Double Extra Slim Taper Nucut	12	1.07

### \*AMERICAN PATTERN FILES JOHNSON BRAND

76-14050	4"	Mill Bastard Johnson	12	.68
76-14300	6"	Mill Bastard Johnson	12	.68
76-14550	8"	Mill Bastard Johnson	12	.80
76-14750	10"	Mill Bastard Johnson	12	1.05
76-14950	12"	Mill Bastard Johnson	6	1.67
76-15150	14"	Mill Bastard Johnson	6	2.34
76-16050	8"	Mill Bastard 2 Rd. Edges Johnson	12	1.29
76-16100	10"	Mill Bastard 2 Rd. Edges Johnson	12	1.62
76-31700	6"	Half Round Bastard Johnson	12	1.43
76-31900	8"	Half Round Bastard Johnson	12	1.73
76-32100	10"	Half Round Bastard Johnson	6	2.13
76-32300	12"	Half Round Bastard Johnson	6	2.70
76-32500	14"	Half Round Bastard Johnson	6	3.59
76-22700	4"	Flat Bastard Johnson	12	.95
76-22950	6"	Flat Bastard Johnson	12	1.04
76-23200	8"	Flat Bastard Johnson	12	1.29
76-23400	10"	Flat Bastard Johnson	6	1.64
76-23600	12"	Flat Bastard Johnson	6	2.22
76-23800	14"	Flat Bastard Johnson	6	3.08
76-39300	4"	Round Bastard Johnson	12	.80
76-39600	6"	Round Bastard Johnson	12	.80
76-39850	8"	Round Bastard Johnson	12	.96
76-40050	10"	Round Bastard Johnson	12	1.23
76-40250	12"	Round Bastard Johnson	6	1.71
76-40450	14"	Round Bastard Johnson	6	2.48
76-42500	4"	Square Bastard Johnson	12	1.02
76-42800	6"	Square Bastard Johnson	12	1.10
76-43000	8"	Square Bastard Johnson	12	1.31
76-43200	10"	Square Bastard Johnson	12	1.73
76-43400	12"	Square Bastard Johnson	6	2.39
76-43600	14"	Square Bastard Johnson	6	3.23
76-51650	6"	Three Square Bastard Johnson	12	1.43
76-51800	8"	Three Square Bastard Johnson	12	1.71

Code	Cat. Page	Description	Pkg.	Each
<b>Johnson Brand Files (Cont.)</b>				
76-51950	10"	Three Square Bastard Johnson	12	\$ 2.13
76-50000	6"	Knife Bastard Johnson	12	1.64
76-50150	8"	Knife Bastard Johnson	12	1.97
76-53650	5"	Slim Taper Johnson	12	.56
76-53700	6"	Slim Taper Johnson	12	.66
76-53800	8"	Slim Taper Johnson	12	.96
76-53850	10"	Slim Taper Johnson	12	1.31
76-54850	5"	Extra Slim Taper Johnson	12	.56
76-54950	6"	Extra Slim Taper Johnson	12	.66
76-55000	7"	Extra Slim Taper Johnson	12	.80
76-55050	8"	Extra Slim Taper Johnson	12	.96
76-56100	5"	Double Extra Slim Taper Johnson	12	.59
76-56200	6"	Double Extra Slim Taper Johnson	12	.66
76-56250	7"	Double Extra Slim Taper Johnson	12	.80
76-56300	8"	Double Extra Slim Taper Johnson	12	.96

### FILE HANDLES

70-99200	5	104 4" for files 3" to 6"	36	\$ .39
70-99205	5	106 4 $\frac{1}{4}$ " for files 4" to 8"	36	.48
70-99210	5	108 5" for files 6" to 10"	36	.53
70-99215	5	110 5 $\frac{1}{2}$ " for files 8" to 12"	36	.62
70-99220	5	112 6" for files 12" to 18"	36	.78

### FILE CARDS

70-99350	5	Combination File Card and Brush	6	2.81
70-99300	5	Plain File Cards	12	1.20

**HELLER AUTOMOTIVE FILES, HACK SAWS, TOOLS**  
**SUGGESTED MECHANIC/USER NET PRICE**

		Cat. Code	Page	Description	Pkg. Each
<b>HAND HACK SAW BLADES</b>					
30-01018	5	10 x 1/2 x .025 x 18	Standard Hard Edge	100	.19
30-01024	5	10 x 1/2 x .025 x 24	Standard Hard Edge	100	.19
30-01032	5	10 x 1/2 x .025 x 32	Standard Hard Edge	100	.19
30-01214	5	12 x 1/2 x .025 x 14	Standard Hard Edge	100	.21
30-01218	5	12 x 1/2 x .025 x 18	Standard Hard Edge	100	.21
30-01224	5	12 x 1/2 x .025 x 24	Standard Hard Edge	100	.21
30-01232	5	12 x 1/2 x .025 x 32	Standard Hard Edge	100	.21
31-21018	5	10 x 1/2 x .025 x 18	M Hax Start-A-Kut Hard Edge	100	.70
31-21024	5	10 x 1/2 x .025 x 24	M Hax Start-A-Kut Hard Edge	100	.70
31-21032	5	10 x 1/2 x .025 x 32	M Hax Start-A-Kut Hard Edge	100	.70
31-21214	5	12 x 1/2 x .025 x 14	M Hax Start-A-Kut Hard Edge	100	.78
31-21218	5	12 x 1/2 x .025 x 18	M Hax Start-A-Kut Hard Edge	100	.78
31-21224	5	12 x 1/2 x .025 x 24	M Hax Start-A-Kut Hard Edge	100	.78
31-21232	5	12 x 1/2 x .025 x 32	M Hax Start-A-Kut Hard Edge	100	.78
31-01018	5	10 x 1/2 x .025 x 18	M Hax Hard Edge	100	.70
31-01024	5	10 x 1/2 x .025 x 24	M Hax Hard Edge	100	.70
31-01032	5	10 x 1/2 x .025 x 32	M Hax Hard Edge	100	.70
31-01214	5	12 x 1/2 x .025 x 14	M Hax Hard Edge	100	.78
31-01218	5	12 x 1/2 x .025 x 18	M Hax Hard Edge	100	.78
31-01224	5	12 x 1/2 x .025 x 24	M Hax Hard Edge	100	.78
31-01232	5	12 x 1/2 x .025 x 32	M Hax Hard Edge	100	.78
31-11018	5	10 x 1/2 x .025 x 18	M Hax All Hard	100	.70
31-11024	5	10 x 1/2 x .025 x 24	M Hax All Hard	100	.70
31-11032	5	10 x 1/2 x .025 x 32	M Hax All Hard	100	.70
31-11214	5	12 x 1/2 x .025 x 14	M Hax All Hard	100	.78
31-11218	5	12 x 1/2 x .025 x 18	M Hax All Hard	100	.78
31-11224	5	12 x 1/2 x .025 x 24	M Hax All Hard	100	.78
31-11232	5	12 x 1/2 x .025 x 32	M Hax All Hard	100	.78
32-01018	5	10 x 1/2 x .025 x 18	T Hax Hard Edge	100	.85
32-01024	5	10 x 1/2 x .025 x 24	T Hax Hard Edge	100	.85
32-01032	5	10 x 1/2 x .025 x 32	T Hax Hard Edge	100	.85
32-01214	5	12 x 1/2 x .025 x 14	T Hax Hard Edge	100	.94
32-01218	5	12 x 1/2 x .025 x 18	T Hax Hard Edge	100	.94
32-01224	5	12 x 1/2 x .025 x 24	T Hax Hard Edge	100	.94
32-01232	5	12 x 1/2 x .025 x 32	T Hax Hard Edge	100	.94
32-11018	5	10 x 1/2 x .025 x 18	T Hax All Hard	100	.85
32-11024	5	10 x 1/2 x .025 x 24	T Hax All Hard	100	.85
32-11032	5	10 x 1/2 x .025 x 32	T Hax All Hard	100	.85
32-11214	5	12 x 1/2 x .025 x 14	T Hax All Hard	100	.94
32-11218	5	12 x 1/2 x .025 x 18	T Hax All Hard	100	.94
32-11224	5	12 x 1/2 x .025 x 24	T Hax All Hard	100	.94
32-11232	5	12 x 1/2 x .025 x 32	T Hax All Hard	100	.94

		Cat. Code	Page	Description	Pkg. Each
<b>SUPER DUTY HAMMERS</b> <b>UPHOLSTERERS HAMMERS</b>					
86-12550	6	404B	7 oz. Magnetic Polished		6 \$ 5.46
<b>BALL PEIN HAMMERS</b>					
86-30000	6	797	Polished Super Duty 2 oz.		6 4.29
86-30250	6	798	Polished Super Duty 4 oz.		6 4.29
86-30650	6	800	Polished Super Duty 8 oz.		6 4.38
86-31200	6	801	Polished Super Duty 12 oz.		6 4.49
86-31650	6	802	Polished Super Duty 1 lb.		6 4.77
86-32150	6	803	Polished Super Duty 1 1/4 lb.		6 5.16
86-32500	6	804	Polished Super Duty 1 1/2 lb.		6 5.36
86-33200	6	806	Polished Super Duty 2 lb.		6 5.75
86-33800	6	808	Polished Super Duty 2 1/2 lb.		6 6.33
86-34350	6	810	Polished Super Duty 3 lb.		6 7.01
86-30350	6	798B	Black Super Duty 4 oz.		6 3.60
86-30800	6	800B	Black Super Duty 8 oz.		6 3.71
86-31350	6	801B	Black Super Duty 12 oz.		6 3.80
86-31800	6	802B	Black Super Duty 1 lb.		6 4.10
86-32300	6	803B	Black Super Duty 1 1/4 lb.		6 4.49
86-32750	6	804B	Black Super Duty 1 1/2 lb.		6 4.68
86-33400	6	806B	Black Super Duty 2 lb.		6 5.07
86-33950	6	808B	Black Super Duty 2 1/2 lb.		6 5.66
86-34500	6	810B	Black Super Duty 3 lb.		6 6.33
86-30950	6	800C	Excelsior 8 oz.		6 2.73
86-31450	6	801C	Excelsior 12 oz.		6 2.82
86-31950	6	802C	Excelsior 1 lb.		6 3.26
86-32350	6	803C	Excelsior 1 1/4 lb.		6 3.45
86-32950	6	804C	Excelsior 1 1/2 lb.		6 3.71
86-33600	6	806C	Excelsior 2 lb.		6 4.10
<b>HAND OR TIRE HAMMERS</b>					
86-11350	6	301	Polished Super Duty 2 lb.		4 7.02
86-11550	6	302	Polished Super Duty 2 1/2 lb.		4 7.41
86-11750	6	303	Polished Super Duty 3 lb.		4 7.80
86-11400	6	301B	Black Super Duty 2 lb.		4 5.94
86-11600	6	302B	Black Super Duty 2 1/2 lb.		4 6.48
86-11800	6	303B	Black Super Duty 3 lb.		4 6.53
<b>BODY BUMPING FILES</b>					
85-02088	6	2088	Flat Coarse Cut		6 3.33
85-02089	6	2089	Flat Medium Cut		6 3.33
85-02090	6	2090	Half Round Medium Cut		6 4.01
85-02612	6	2612	Set — 1 Each of Above 3 Kinds	1	10.67

# Auto - 4

## HELLER SKIN PACKAGED AUTOMOTIVE

### ↑ FILES — HACK SAW BLADES MECHANIC/USER NET PRICE ↑

Cat. Page	Item Number	DESCRIPTION	Suggested Mechanic - User Net Each
7	SHM-8	8" Mill Bastard Nucut	\$ 1.07
7	SHM-10	10" Mill Bastard Nucut	1.35
7	SHM-12	12" Mill Bastard Nucut	2.01
7	SHHR-8	8" Half Round Bastard Nucut	2.07
7	SHHR-10	10" Half Round Bastard Nucut	2.54
7	SHR-8	8" Round Bastard Nucut	1.26
7	SHR-10	10" Round Bastard Nucut	1.59
7	SHCS-218	8 x 7/32" Round Chain Saw Nucut	1.07
7	SHCS-250	8 x 1/4" Round Chain Saw Nucut	1.07
7	SHRM-7	7" Rotary Mower File Nucut	1.44
7	SHVF-7	14" Flexible Vixen 7T	5.61
7	SHVF-8	14" Flexible Vixen 8T	5.61
7	SHVS-14	14" Half Round Shell Vixen	6.50
7	SHS-12	Each Card contains 2 - 12" Standard Steel Blades (one 18 Tooth, one 24 Tooth)	.43
7	SHHS-1224	Each Card contains 1 - 12" x 24 Tooth Start-A-Kut M Hax High Speed Steel Blade	.80

PLEASE ORDER BY ITEM NUMBER.